UNIVERSITY OF QUEENSLAND

Computer Centre

WEEKLY NEWSLETTER

Date : Week ended 7 October 1971
Authorization : Director of the Computer Centre

1. OPERATIONS

1.1 PDP-10 System

Friday 1 October
- Card reader maintenance 1125-1200
- System failure, offline 1556-1559, 1720-1740
- System failure, offline 1849-1857
- Card reader maintenance 2127-2150
- Dedicated mode 2230-2400.

Monday 4 October
- Card reader maintenance 1143-1150, 1225-1300
- System failure, offline 2035-2055.

Tuesday 5 October
- End-of-day accounting procedures, which could not run previous night due to errors 0910-1040
- System hangup, monitor reloaded 1140-1155
- System failure 1306-1312, 2000-2042.

Wednesday 6 October
- PDP-8 maintenance 0920-0950
- System failure 2300-2340.

Thursday 7 October
- Card reader maintenance 0907-1033
- End-of-day accounting procedures, which could not run previous night due to errors 0920-1001
- System hangup 1200-1315
- Card reader maintenance 1405-1430.

Schedule for forthcoming week:
- Maintenance 0700-0900
- Operations 1000-2330

1.2 GE-225 System

Schedule for forthcoming week:
- Maintenance 0700-0900, 2000-2130

2. CONSULTING TIMES

The consulting times reported in last week's Newsletter were incorrect. The correct times are as follows:
Monday 2.00 p.m. - 4.30 p.m.
Tuesday 2.00 p.m. - 4.30 p.m.
Wednesday 10.30 a.m. - 1.00 p.m.
Thursday 2.00 p.m. - 4.30 p.m.
Friday 10.30 a.m. - 1.00 p.m.

Would users please check these times since they might have received an incorrect copy last week.

3. **WISP ON THE GE-225**

A new version of WISP has been released, which corrects some errors in the garbage collection scheme of compiler and execution package. Operational procedures are unaltered.

This new version has an extended set of standard forms and also uses a special version of MACRO GAP to simplify the definition of standard forms.

4. **PDP-10 FORTRAN**

The following FORTRAN statements do not compile correctly under version 23 of the FORTRAN compiler.

```
13\phi\phi  U(I,J)=U(I,J)+L(K,I,1)*L(K,J,2)+L(K,I,2)*L(K,J,1)
14\phi\phi  B=B+2.*((LM(I,J,1)*H(J,I,1)+LM(I,J,2)*H(J,I,2)) +U(I,J)*
                  (H(J,I,1)+H(J,I,2)))
```

While the FORTRAN manual does not explicitly state any limit to the length or complexity of a statement, users should attempt to avoid unnecessarily complicated statements. Failure to compile an expression usually occurs when it is very long or there are a number of subexpressions or subscript calculations to be performed.